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03/22/01

OIPE

RAW SEQUENCE LISTING

DATE: 03/12/2001

PATENT APPLICATION: US/09/785,058

TIME: 10:21:06

Input Set : A:\sequence listing.txt

Output Set: N:\CRF3\03122001\I785058.raw

ENTERED

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4 <110> APPLICANT: Ronald C. Montelaro
5   Timothy A. Mietzner
7 <120> TITLE OF INVENTION: VIRUS DERIVED ANTIMICROBIAL PEPTIDES
10 <130> FILE REFERENCE: A 34001 / 072396.0222
C--> 12 <140> CURRENT APPLICATION NUMBER: US/09/785,058
C--> 12 <141> CURRENT FILING DATE: 2001-02-16
12 <160> NUMBER OF SEQ ID NOS: 12
14 <170> SOFTWARE: FastSEQ for Windows Version 3.0
16 <210> SEQ ID NO: 1
17 <211> LENGTH: 28
18 <212> TYPE: PRT
19 <213> ORGANISM: Artificial sequence
21 <220> FEATURE:
22 <223> OTHER INFORMATION: Artificial peptide derived from HIV-1
24 <400> SEQUENCE: 1
25   Arg Val Ile Arg Val Val Gln Arg Ala Cys Arg Ala Ile Arg His Ile
26     1           5           10           15
27   Val Arg Arg Ile Arg Gln Gly Leu Arg Arg Ile Leu
28           20           25
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31 <211> LENGTH: 31
32 <212> TYPE: PRT
33 <213> ORGANISM: Artificial sequence
35 <220> FEATURE:
36 <223> OTHER INFORMATION: Artificial peptide derived from HIV-1
38 <400> SEQUENCE: 2
39   Arg Val Ile Arg Val Val Gln Arg Ala Cys Arg Ala Ile Arg His Ile
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42           20           25           30
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45 <211> LENGTH: 31
46 <212> TYPE: PRT
47 <213> ORGANISM: Artificial sequence
49 <220> FEATURE:
50 <223> OTHER INFORMATION: Artificial peptide derived from HIV-1
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53   Arg Trp Ile Arg Val Val Gln Arg Trp Cys Arg Ala Ile Arg His Ile
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55   Trp Arg Arg Ile Arg Gln Gly Leu Arg Arg Trp Leu Arg Val Val
56           20           25           30
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59 <211> LENGTH: 12
60 <212> TYPE: PRT
61 <213> ORGANISM: Artificial sequence
63 <220> FEATURE:
64 <223> OTHER INFORMATION: Artificial peptide derived from HIV-1

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66 <400> SEQUENCE: 4
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68 1 5 10
70 <210> SEQ ID NO: 5
71 <211> LENGTH: 24
72 <212> TYPE: PRT
73 <213> ORGANISM: Artifical sequence
75 <220> FEATURE:
76 <223> OTHER INFORMATION: Artificial peptide derived from HIV-1
78 <400> SEQUENCE: 5
79 Arg Arg Val Val Arg Arg Val Arg Arg Val Val Arg Arg Val Val Arg
80 1 5 10 15
81 Val Val Arg Arg Val Val Arg Arg
82 20
84 <210> SEQ ID NO: 6
85 <211> LENGTH: 36
86 <212> TYPE: PRT
87 <213> ORGANISM: Artifical sequence
89 <220> FEATURE:
90 <223> OTHER INFORMATION: Artificial peptide derived from HIV-1
92 <400> SEQUENCE: 6
93 Val Arg Arg Val Val Arg Arg Val Val Arg Val Val Arg Arg Val Val
94 1 5 10 15
95 Arg Arg Val Arg Arg Val Val Arg Arg Val Val Arg Val Val Arg Arg
96 20 25 30
97 Val Val Arg Arg
98 35
100 <210> SEQ ID NO: 7
101 <211> LENGTH: 42
102 <212> TYPE: PRT
103 <213> ORGANISM: Artifical sequence
105 <220> FEATURE:
106 <223> OTHER INFORMATION: Artificial peptide derived from HIV-1
108 <400> SEQUENCE: 7
109 Arg Arg Val Val Arg Arg Val Arg Arg Val Val Arg Arg Val Val Arg
110 1 5 10 15
111 Val Val Arg Arg Val Val Arg Arg Val Arg Arg Val Val Arg Arg Val
112 20 25 30
113 Val Arg Val Val Arg Arg Val Val Arg Arg
114 35 40
116 <210> SEQ ID NO: 8
117 <211> LENGTH: 48
118 <212> TYPE: PRT
119 <213> ORGANISM: Artifical sequence
121 <220> FEATURE:
122 <223> OTHER INFORMATION: Artificial peptide derived from HIV-1
124 <400> SEQUENCE: 8
125 Arg Val Val Arg Val Val Arg Arg Val Val Arg Arg Val Arg Arg Val
126 1 5 10 15

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127 Val Arg Arg Val Val Arg Val Val Arg Arg Val Val Arg Arg Val Arg
128           20           25           30
129 Arg Val Val Arg Arg Val Val Arg Val Val Arg Arg Val Val Arg Arg
130           35           40           45
132 <210> SEQ ID NO: 9
133 <211> LENGTH: 12
134 <212> TYPE: PRT
135 <213> ORGANISM: Artifical sequence
137 <220> FEATURE:
138 <223> OTHER INFORMATION: Artificial peptide derived from HIV-1
140 <400> SEQUENCE: 9
141 Arg Val Val Arg Val Val Arg Arg Trp Val Arg Arg
142   1           5           10
144 <210> SEQ ID NO: 10
145 <211> LENGTH: 24
146 <212> TYPE: PRT
147 <213> ORGANISM: Artifical sequence
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152 <400> SEQUENCE: 10
153 Arg Arg Trp Val Arg Arg Val Arg Arg Val Trp Arg Arg Val Val Arg
154   1           5           10           15
155 Val Val Arg Arg Trp Val Arg Arg
156           20
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159 <211> LENGTH: 36
160 <212> TYPE: PRT
161 <213> ORGANISM: Artifical sequence
163 <220> FEATURE:
164 <223> OTHER INFORMATION: Artificial peptide derived from HIV-1
166 <400> SEQUENCE: 11
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168   1           5           10           15
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170           20           25           30
171 Trp Val Arg Arg
172           35
174 <210> SEQ ID NO: 12
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176 <212> TYPE: PRT
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182 <400> SEQUENCE: 12
183 Arg Val Val Arg Val Val Arg Arg Trp Val Arg Arg Val Arg Arg Val
184   1           5           10           15
185 Trp Arg Arg Val Val Arg Val Val Arg Arg Trp Val Arg Arg Val Arg
186           20           25           30
187 Arg Val Trp Arg Arg Val Val Arg Val Val Arg Arg Trp Arg Val Val

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188

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VERIFICATION SUMMARY

DATE: 03/12/2001

PATENT APPLICATION: US/09/785,058

TIME: 10:21:07

Input Set : A:\sequence listing.txt

Output Set: N:\CRF3\03122001\I785058.raw

L:12 M:270 C: Current Application Number differs, Replaced Current Application No
L:12 M:271 C: Current Filing Date differs, Replaced Current Filing Date